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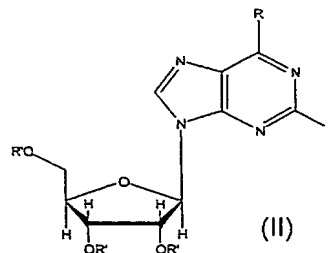
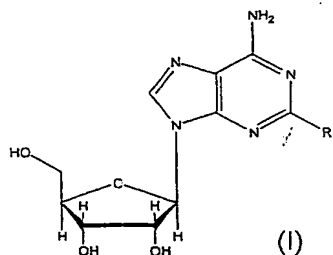
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(54) Title: IMPROVED SYNTHESIS OF 2-SUBSTITUTED ADENOSINES



(57) Abstract: A method of synthesis of a 2-substituted adenosine of formula I which comprises converting a compound of formula II to a compound of formula (I), wherein: R is C 1-6 alkoxy (straight or branched), a phenoxy group (unsubstituted, or mono-, or di-substituted by halo, amino, CF₃-, cyano, nitro, C 1-6 alkyl, or C 1-6 alkoxy), a benzyloxy group (unsubstituted, or mono-, or di-substituted by halo, amino, CF₃-, cyano, nitro, C 1-6 alkyl, or C 1-6 alkoxy), or a benzoyl group (unsubstituted, or mono-, or di-substituted by halo, amino, CF₃-, cyano, nitro, C 1-6 alkyl, or C 1-6 alkoxy); R' = H, or a protecting group.